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MARCH 08, 2000



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

PTAS



\*101222622A\*

WORKMAN, NYDEGGER & SEELEY  
RICK D. NYDEGGER  
60 EAST SOUTH TEMPLE  
1000 EAGLE GATE TOWER  
SALT LAKE CITY, UT 84111

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/10/1999

REEL/FRAME: 010431/0501  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HOPMANN, ALEXANDER I.

DOC DATE: 11/22/1999

ASSIGNOR:

ANDERSON, BECKY

DOC DATE: 11/22/1999

ASSIGNOR:

DEEN, BRIAN J.

DOC DATE: 11/22/1999

ASSIGNEE:

MICROSOFT CORPORATION  
ONE MICROSOFT WAY  
REDMOND, WASHINGTON 98052

SERIAL NUMBER: 09412738

FILING DATE: 10/04/1999

PATENT NUMBER:

ISSUE DATE:

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010431/0501 PAGE 2

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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12-15-1999



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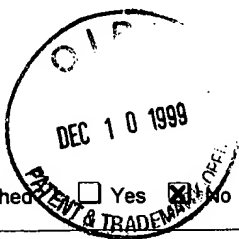
cket No.: 13768.119

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Alexander I. Hopmann  
Becky Anderson  
Brian J. Deen



Additional names(s) of conveying party(ies) attached ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 22, 1999

2. Name and address of receiving party(ies):

Name: Microsoft Corporation

Address: One Microsoft Way

City: Redmond State/Prov.: WA

Country: USA ZIP: 98052

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No. 09/412,738 Filing date October 4, 1999

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: RICK D. NYDEGGER

Registration No. 28,651

Address: WORKMAN, NYDEGGER & SEELEY

1000 Eagle Gate Tower

60 East South Temple

City: Salt Lake City State/Prov.: UT

Country: USA ZIP: 84111

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

23-3178

0000002 09412738 40.00 OF

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

RICK D. NYDEGGER

Name of Person Signing

Rick D. Nydegger  
Signature

Dec-9, 1999  
Date

4

Total number of pages including cover sheet, attachments, and document:

12/13/1999 ASHLE 05 FC:561

WHEN RECORDED RETURN TO:

Workman, Nydegger & Seeley  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

PATENT APPLICATION

Docket No: 13768.119

Express Mailing Label No. EL 388 123 708 US

## ASSIGNMENT

WHEREAS, we, Alexander I. Hopmann, Becky Anderson, and Brian J. Deen, (hereinafter referred to as ASSIGNORS), having post office addresses of, 1635 35<sup>th</sup> Avenue, Seattle, WA 98122, 9830 164<sup>th</sup> Avenue NE, Redmond, WA 98052, and 345 Ogle Place NE, North Bend, WA 98045, respectively, are the joint inventors of an invention entitled "SYSTEMS AND METHODS FOR DETECTING AND RESOLVING RESOURCE CONFLICTS," as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

Said invention being disclosed in a United States patent application executed heretofore and now identified as File No. 13768.119 of the law firm of Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. 09/412,738 on October 4, 1999.

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letter patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application, and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Dated this 22 day of November, 1999.

Alexander I. Hopmann

Alexander I. Hopmann  
1635 35<sup>th</sup> Avenue  
Seattle, Washington 98122  
U.S. Citizen

STATE OF WASHINGTON )

: ss.

COUNTY OF KING )

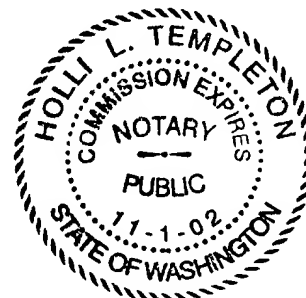
On November 22, 99, before me personally appeared Alexander I. Hopmann, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he/she has read the same and know the contents thereof and that he/she executed the same as his/her free act and deed and for the purposes set forth therein.

Holli L. Templeton

NOTARY PUBLIC

Residing at Redmond, Washington

My Commission Expires: 11-1-02



Dated this 22 day of November, 1999.

Becky Anderson

Becky Anderson  
9830 164<sup>th</sup> Avenue NE  
Redmond, WA 98052

STATE OF WASHINGTON )

: ss.

COUNTY OF KING )

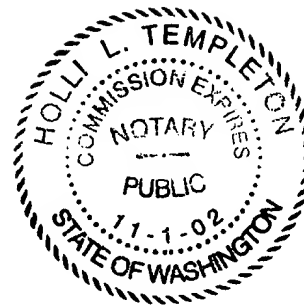
On November 22, 99, before me personally appeared Becky Anderson, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he/she has read the same and know the contents thereof and that he/she executed the same as his/her free act and deed and for the purposes set forth therein.

Holli L. Templeton

NOTARY PUBLIC

Residing at Redmond, Washington

My Commission Expires: 11-1-02



Dated this 22 day of November, 1999.

Brian J. Deen

Brian J. Deen

345 Ogle Place NE

North Bend, WA 98045

U.S. Citizen

STATE OF WASHINGTON )

: ss.

COUNTY OF KING )

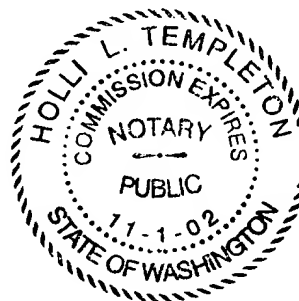
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✓ 13768.118



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OF PATENTS AND TRADEMARKS  
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MARCH 08, 2000

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\*101222619A\*

WORKMAN, NYDEGGER & SEELEY  
RICK D. NYDEGGER  
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ASSIGNOR:  
HOPMANN, ALEXANDER I.

DOC DATE: 11/22/1999

ASSIGNOR:  
ANDERSON, REBECCA L.

DOC DATE: 11/22/1999

ASSIGNOR:  
DEEN, BRIAN J.

DOC DATE: 11/22/1999

ASSIGNEE:  
MICROSOFT CORPORATION  
ONE MICROSOFT WAY  
REDMOND, WASHINGTON 98052

SERIAL NUMBER: 09412071  
PATENT NUMBER:

FILING DATE: 10/04/1999  
ISSUE DATE:

010431/0505 PAGE 2

LENELL MACKALL, PARALEGAL  
ASSIGNMENT DIVISION  
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Set No.: 13768.118

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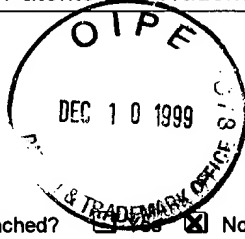
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1. Name of conveying party(ies):

Alexander I. Hopmann  
Rebecca L. Anderson  
Brian J. Deen



Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Microsoft Corporation

Address: One Microsoft Way

City: Redmond State/Prov.: WA

Country: USA ZIP: 98052

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 22, 1999

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No. Filing date  
09/412,071 October 4, 1999

B. Patent No.(s)

12/13/1999 ASHLE 00000003 09412071

05 FC:581 / 40.00 DP

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: RICK D. NYDEGGER

Registration No. 28,651

Address: WORKMAN, NYDEGGER & SEELEY

1000 Eagle Gate Tower

60 East South Temple

City: Salt Lake City State/Prov.: UT

Country: USA ZIP: 84111

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
☐ Authorized to be charged to deposit account

8. Deposit account number:

23-3178

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

RICK D. NYDEGGER

Name of Person Signing

Rick D. Nydegger  
Signature

DECEMBER 9, 1999

Date

Total number of pages including cover sheet, attachments, and document: 4

WHEN RECORDED RETURN TO:

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1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

PATENT APPLICATION

Docket No: 13768.118

Express Mailing Label No. EL 388 123 711 US

## ASSIGNMENT

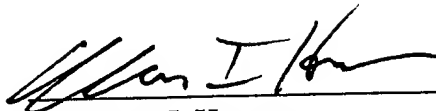
WHEREAS, we, Alexander I. Hopmann, Rebecca L. Anderson, and Brian J. Deen, (hereinafter referred to as ASSIGNORS), having post office addresses of, 1635 35<sup>th</sup> Avenue, Seattle, WA 98122, 9830 164<sup>th</sup> Avenue NE, Redmond, WA 98052, and 345 Ogle Place NE, North Bend, WA 98045, respectively, are the joint inventors of an invention entitled "METHOD, DATA STRUCTURE, AND COMPUTER PROGRAM PRODUCT FOR IDENTIFYING A NETWORK RESOURCE," as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

Said invention being disclosed in a United States patent application executed heretofore and now identified as File No. 13768.118 of the law firm of Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. 09/412,071 on October 4, 1999.

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letter patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application, and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Dated this 22 day of November, 1999.



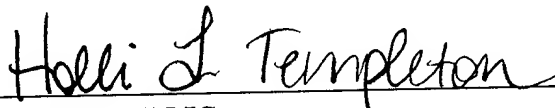
Alexander I. Hopmann  
1635 35<sup>th</sup> Avenue  
Seattle, Washington 98122  
U.S. Citizen

STATE OF WASHINGTON )

: ss.

COUNTY OF KING )

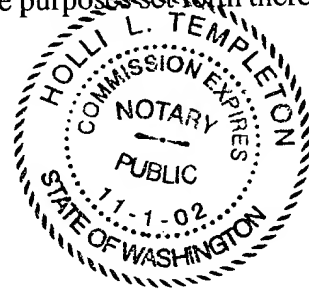
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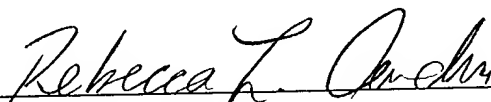
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Residing at Redmond, Washington

My Commission Expires: 11-1-02



Dated this 22 day of November, 1999.



Rebecca L. Anderson  
9830 164<sup>th</sup> Avenue NE  
Redmond, WA 98052  
U.S. Citizen

STATE OF WASHINGTON )

: ss.

COUNTY OF KING )

On November 22, 99, before me personally appeared Rebecca L. Anderson, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he/she has read the same and know the contents thereof and that he/she executed the same as his/her free act and deed and for the purposes set forth therein.

Holli L. Templeton

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Brian J. Deen

345 Ogle Place NE

North Bend, WA 98045

U.S. Citizen

STATE OF WASHINGTON )

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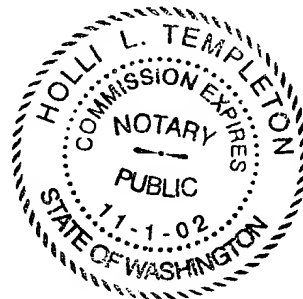
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Residing at Redmond, Washington

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